

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090528-A Mode: Highway Status: Submitted

NC-109

From/Cross Street: SR 2067 (Lambeth Road) **Specific Improvement Type:** 6 - Widen Existing Roadway

and Construct Part on New Location Project Category: Regional Impact

Cost to NCDOT: \$37,800,000

TIP#: U-5311A

Fully Funded in Draft STIP? No

To: NC 62 (Cloninger Drive)

Description:

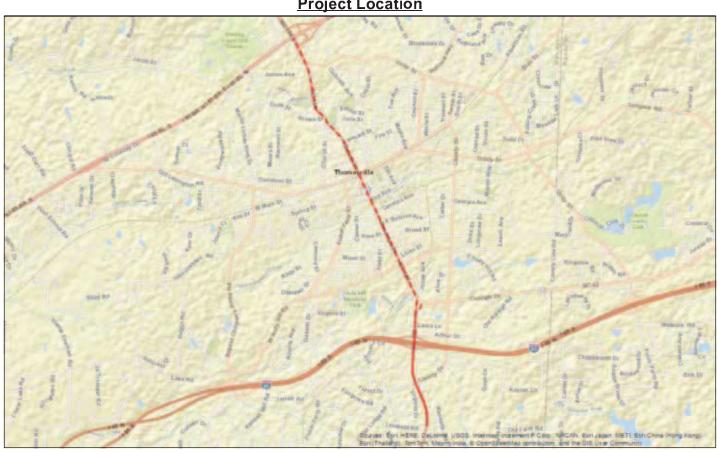
Length: 4.52

Widen to Multi-Lanes, Part on New Location

Division(s): Division 9 County(s): DAVIDSON

MPOS(s)/RPO(s): High Point Urban Area MPO

Project Location



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Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 33.75

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%) Totals: Weight: 70% Weighted Score	38.06 80.73 1.40 8.08	Percent: 15% Points: 0	Percent: 15% Points: 100

Division Needs Total Score: 15.97

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 50% Weighted Score	38.06 80.73 1.40 :: 15.97	Percent: 25% Points: 0	Percent: 25% Points: 0

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Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 36 3.95 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Other Principal Arterial Rolling Terrain Type: Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? Yes Volume (AADT): 12120.19 21893.08 Capacity: Volume/Capacity Ratio: 0.55 95% % Autos: 5% % Trucks: 547.24 Truck Volume: 83.74 Crash Density: 70.54 Crash Severity: Critical Crash Rate: 87.94 Crash Frequency: 0 0 Severity Index: 2 County Tier Designation: Non-Interstate STRAHNET No Route? 20 Average Commuting Time: Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 63 Actual Congested Speed: 32.13 Travel Time Index: 1.1

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	4.52
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2367028.91
Travel Time Savings for 30 Years (Autos):	2260155.78
Travel Time Savings for 30 Years (Trucks):	106873.13
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 9

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 9	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Point Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$17,000,000	TIP Unit
Right-of-Way Cost:	\$20,200,000	TIP Unit
Utilities Cost:	\$600,000	TIP Unit
Total Project Cost:	\$37,800,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$37,800,000	

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